

### Abstract of the Disclosure

4 A laser communication crosslink system employs an  $n^{\text{th}}$  order  
5 sigma delta modulator with a laser transmitter for communicating an  
6 analog input signal in binary form as a pulse width modulated  
7 signal, and employs a digital filter with a receiver for providing  
8 a digital output signal representing the value of the analog input  
9 signal. The pulse width modulated laser signal is communicated  
10 between the transmitter and receiver over a laser crosslink that  
11 may be fiber optic. The direct modulation using the sigma delta  
12 modulator with the transmitter and using the digital filter with  
13 the receiver reduces system complexity and power consumption.